

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016233.D
 Acq On : 18 Aug 2020 11:53
 Operator : SY/VA
 Sample : L3709-03
 Misc : 4.17G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ6

Quant Time: Aug 19 05:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	440368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400245	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170728	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93377	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.40%
7) Chloroethane-d5	2.89	69	75071	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
10) 1,1-Dichloroethene-d2	4.01	63	160927	13.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.52%
20) 2-Butanone-d5	7.09	46	42890	29.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.70%
24) Chloroform-d	7.65	84	233438	19.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	8.31	65	109252	17.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.60%#
29) Benzene-d6	8.27	84	455692	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.28	67	133619	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.48%
37) Toluene-d8	10.32	98	413524	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.84%
38) trans-1,3-Dichloropropene-	10.59	79	52039	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	10.93	63	35577	32.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94380	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	142203	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds

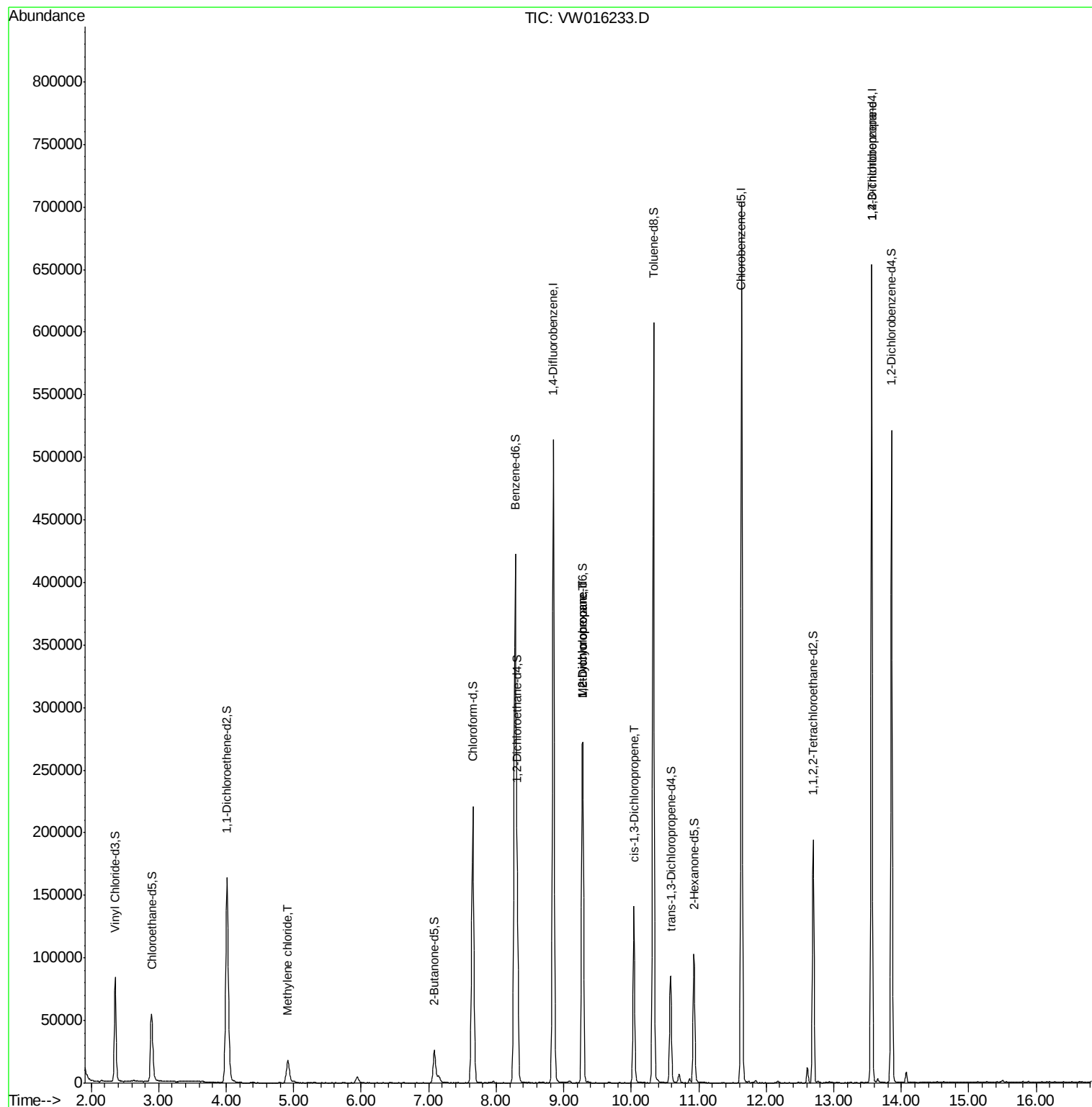
					Ovalue
16) Methylene chloride	4.91	84	14909	2.144 ug/L	93
36) Methylcyclohexane	9.27	83	34176	3.343 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14631	2.581 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3612	0.418 ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	19426	4.926 ug/L	89

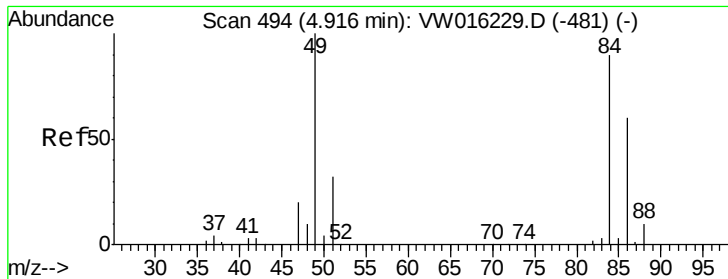
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081820\
Data File : VW016233.D
Acq On : 18 Aug 2020 11:53
Operator : SY/VA
Sample : L3709-03
Misc : 4.17G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSQ6

Quant Time: Aug 19 05:51:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration

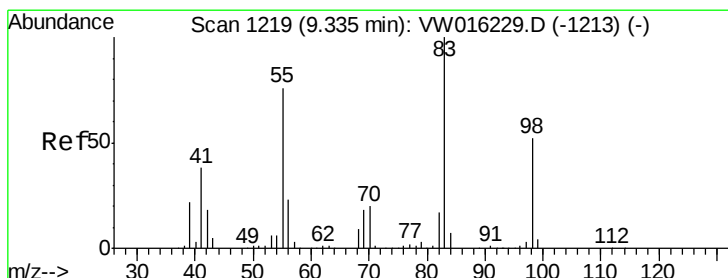
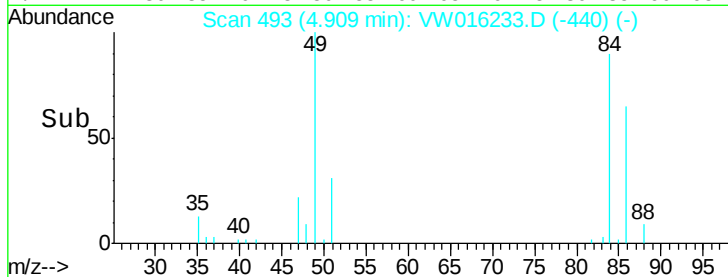
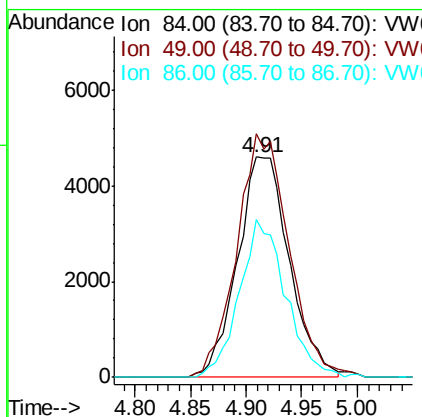
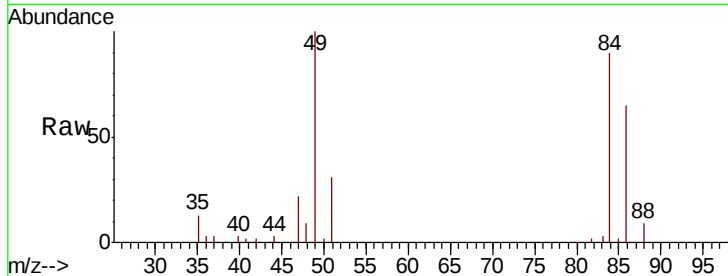




#16
Methvlene chloride
Concen: 2.144 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016233.D
Acq: 18 Aug 2020 11:53

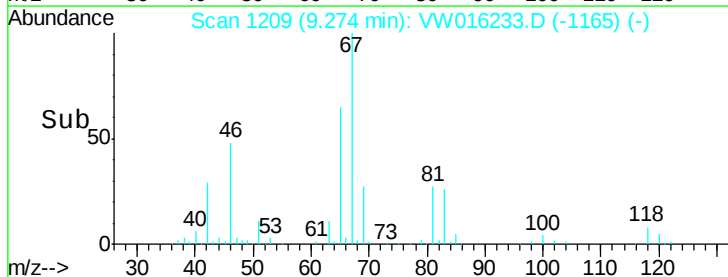
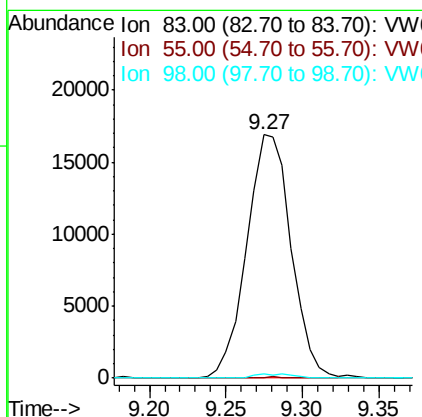
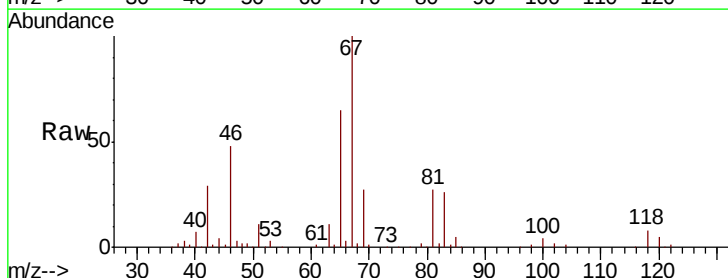
Instrument :
MSVOA_W
ClientSampleId :
BFSQ6

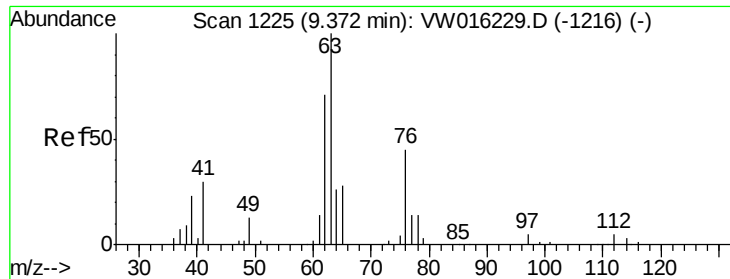
Tot Ion: 84 Resp: 14909
Ion Ratio Lower Upper
84 100
49 110.6 80.4 149.4
86 71.8 43.8 81.3



#36
Methylcyclohexane
Concen: 3.343 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016233.D
Acq: 18 Aug 2020 11:53

Tgt Ion: 83 Resp: 34176
Ion Ratio Lower Upper
83 100
55 0.2 60.7 91.1#
98 1.5 39.4 59.0#

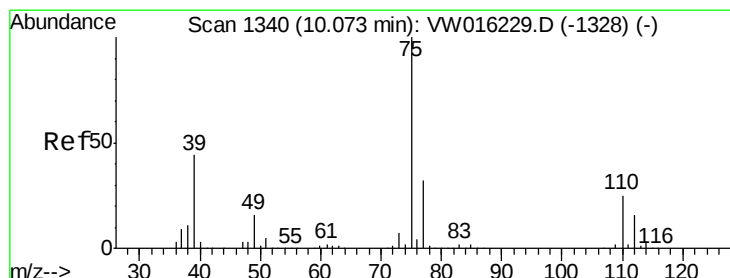
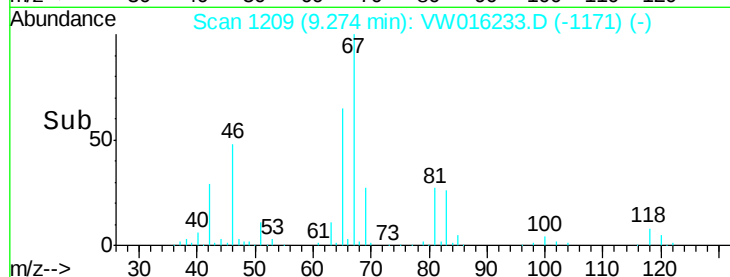
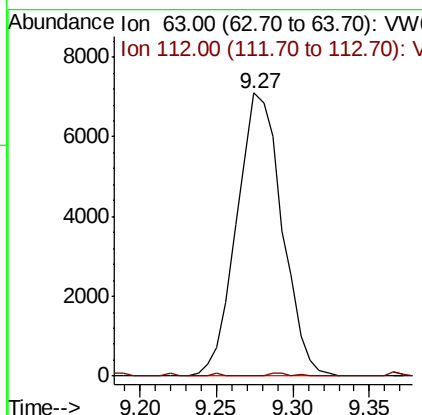
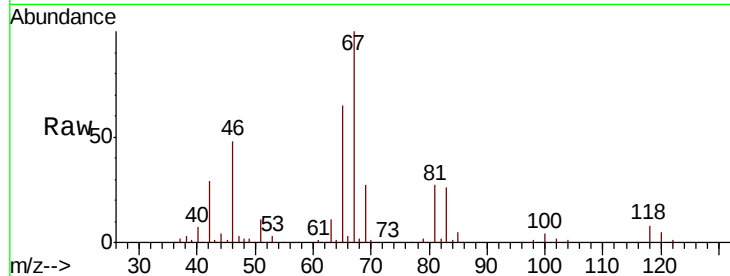




#40
 1,2-Dichloropropane
 Concen: 2.581 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016233.D
 Acq: 18 Aug 2020 11:53

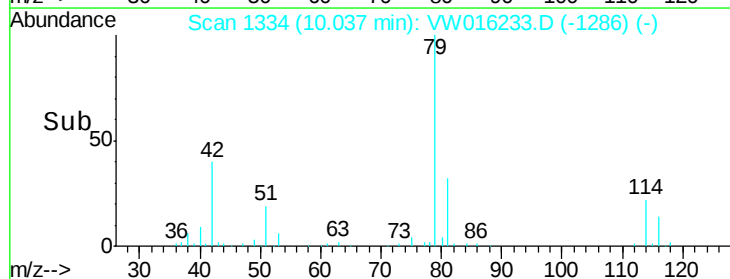
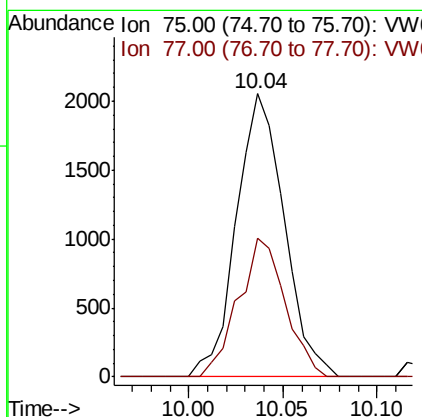
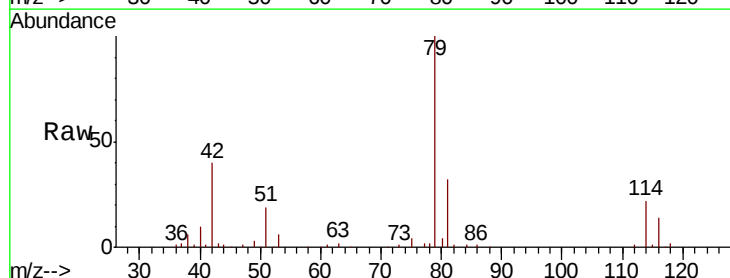
Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ6

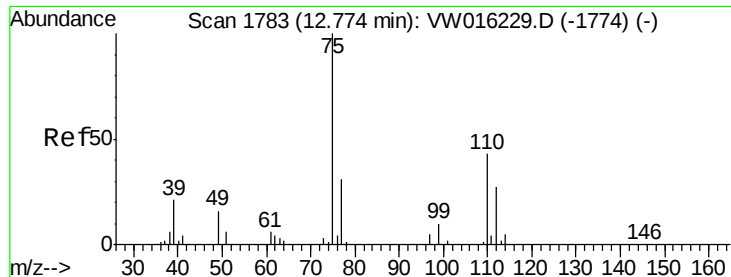
Tot Ion: 63 Resp: 14631
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.418 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016233.D
 Acq: 18 Aug 2020 11:53

Tgt Ion: 75 Resp: 3612
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 4.926 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016233.D

Acq: 18 Aug 2020 11:53

Instrument :

MSVOA_W

ClientSampleId :

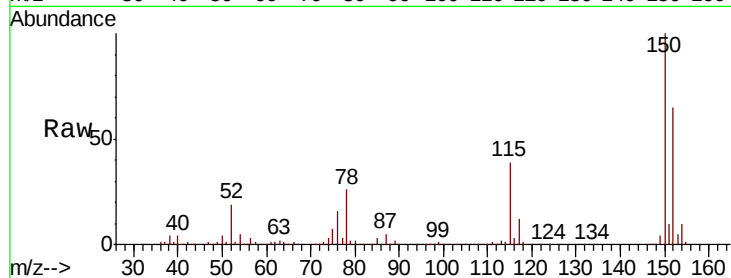
BFSQ6

Tot Ion: 75 Resp: 19426

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

